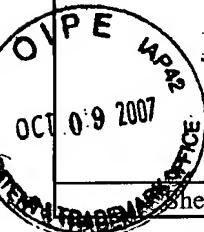


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



sheet

1

of

3

Complete if Known

Application Number	10/542,373
Confirmation Number	7793
Filing Date	July 14, 2005
First Named Inventor	Tomoo MIZUMURA
Art Unit	1796
Examiner Name	Jill M. GRAY
Attorney Docket Number	Q88943

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
	1	US 7,087,299	B2	08-08-2006	TEIJIN FIBERS LTD
	2	US 7,189,797	B2	03-13-2007	TEIJIN LTD
	3	US 6,284,370	B1	09-04-2001	FUJIMOTO ET AL
	4	US 6,316,101	B2	11-13-2001	KATO ET AL
	5	US 2003/0059612	A1	03-27-2003	CHO ET AL
	6	US 2006/0147709	A1	07-06-2006	MIZUMURA ET AL
	7	US 2006/0057373	A1	03-16-2006	TEIJIN FIBERS LTD
	8	US 2006/0051576	A1	03-09-2006	SOEDA ET AL
	9	US 4,254,018		03-03-1981	AKZONA INC.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
	10	JP	11350250	A	12-21-1999	UNITAKA LTD	Abstract
	11	EP	1 156 070	A1	11-21-2001	SK CHEMICAL CO, LTD	
	12	JP	2003-160655	A	06-03-2003	TEIJIN LTD	Abstract
	13	JP	2003-119619		04-23-2003	TEIJIN LTD	Abstract
	14	WO	03/027166	A1	04-03-2003	TEIJIN LTD	
	15	JP	2003-293222		10-15-2003		Abstract
	16	WO	92/13119	A1	08-06-1992	COLLINS ET AL	Abstract
	17	GB	769220		03-06-1957		
	18	WO	9619520	A1	06-27-1996	EASTMAN CHEMICAL CO.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
	19	DATABASE WPI, Section Ch, Week 198742, Derwent Publications Ltd., London, GB; AN 1987-294861	
	20	DATABASE WPI, Section Ch, Week 199429, Derwent Publications Ltd., London, GB, AN1994-238136	
	21	DATABASE WPI, Section Ch, Week 199419, Derwent Publications Ltd., London, GB, AN 1994-156722	
	22	DATABASE WPI, Section Ch, Week 200126, Derwent Publications Ltd., London, GB; AN 2001-247935	

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				Application Number	10/542,373
				Confirmation Number	7793
				Filing Date	July 14, 2005
				First Named Inventor	Tomoo MIZUMURA
				Art Unit	1774
				Examiner Name	Jill M. GRAY
Sheet		2	of	3	Attorney Docket Number
				Q88943	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
23	US 5,331,032			07-19-1994	SUZUKI ET AL
24	US 6,593,447			07-15-2003	TEIJIN LTD
25	US 2006/014920			01-19-2006	SHIRAKAWA ET AL
26	US 4,208,527			06-17-1980	HORLBECK ET AL
27	US 4,254,018			03-03-1981	KOWALLIK ET AL
28	US 5,565,522			10-15-1996	BOHRINGER ET AL
29	US 5,744,572			04-28-1998	SCHUMANN ET AL
30	US 5,981,690			11-09-1999	LUSTIG ET AL
31	US 6,262,220			07-17-2001	PASCHKE ET AL

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ³	Number ⁴		
32	EP	1094137	A1	09-10-2000	BERGMANN ET AL
33	EP	1110988	A1	06-23-2000	TEIJIN LTD
34	EP	1273610	A1	06-02-2002	MITSUBISHI CHEMICAL CORP
35	WO	02070451	A1	09-12-2002	DUAN, J
36	WO	9910573	A1	03-04-1999	DEAN ET AL
37	JP	9119051	A	05-06-1997	
38	JP	2003-119270	A	04-23-2003	
39	JP	2003-150655	A	05-23-2003	SEKISUI CHEM CO LTD
40	EP	1 437 373	A1	07-14-2004	TEIJIN LTD
41	CN	1078274	A	11-10-1993	
42	CN	1302923	A	07-11-2001	
43	JP	47-26597		10-25-1972	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation ⁶

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Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
44	US 6,231,976	B1		05-15-2001	EASTMAN CHEMICAL CO
45	US 6,197,856	B1		03-06-2001	EASTMAN CHEMICAL CO
46	US 6,359,079	B1		03-19-2002	PALMER, JR
47	US 6,672,208	B2		01-06-2004	BECHTLER ET AL
48	US 6,701,302	B1		03-02-2004	SCHAFFER ET AL

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Country Code ³	Number ⁴			
49	WO	2004063441	A1	07-29-2004	TEIJIN LTD	Abstract
50	JP	48-2229		01-12-1973		No
51	JP	05106168	A	04-27-1993	TEIJIN LTD	Abstract
	WO	0181662	A1	11-01-2001		Abstract
	WO	9627036	A	09-06-1996		Abstract
	JP	62-162014	A	07-17-1987	MITSUBISHI RAYON CO LTD	Abstract
	JP	63-12737	A	01-20-1988	TEIJIN LTD	Abstract
	JP	10-96119	A	04-14-1998	TEIJIN LTD	Abstract
	JP	10-25633	A	01-27-1998	TEIJIN LTD	Abstract
	JP	9-111539	A	04-28-1997	TEIJIN LTD	Abstract
	EP	0 758 027	A1	02-12-1997	TEIJIN LTD	
	EP	1 209 260	A1	05-29-2002	TEIJIN LTD	

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